

Title (en)

METHOD AND SYSTEM FOR LEVELING A LAYER IN FREEFORM FABRICATION

Title (de)

VERFAHREN UND SYSTEM ZUM NIVELLIEREN EINER SCHICHT IN DER FREIFORMHERSTELLUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE MISE À NIVEAU D'UNE COUCHE DANS UNE FABRICATION DE FORME LIBRE

Publication

**EP 3946894 A1 20220209 (EN)**

Application

**EP 20720946 A 20200330**

Priority

- US 201962827094 P 20190331
- IL 2020050387 W 20200330

Abstract (en)

[origin: WO2020202147A1] A method of fabricating an object in layers, comprises, for at least one layer: dispensing a building material formulation to form a first portion of the layer, and leveling the first portion by a leveling device; increasing a vertical distance between the first portion and the leveling device; and while a topmost surface of the first portion is exposed and beneath a segment of the leveling device: dispensing a building material formulation to form a second portion of the layer, laterally displaced from the first portion along an indexing direction, and leveling the second portion by the leveling device.

IPC 8 full level

**B29C 64/112** (2017.01); **B29C 64/194** (2017.01); **B29C 64/386** (2017.01); **B33Y 10/00** (2015.01)

CPC (source: EP IL US)

**B22F 10/14** (2021.01 - EP IL); **B22F 12/37** (2021.01 - EP IL); **B22F 12/42** (2021.01 - IL); **B29C 64/112** (2017.07 - EP IL US); **B29C 64/194** (2017.07 - EP IL); **B29C 64/241** (2017.07 - IL US); **B29C 64/245** (2017.07 - IL US); **B29C 64/386** (2017.07 - EP IL); **B29C 64/393** (2017.07 - IL); **B33Y 10/00** (2014.12 - EP IL US); **B33Y 30/00** (2014.12 - IL US); **B33Y 50/00** (2014.12 - EP IL); **B33Y 50/02** (2014.12 - IL); **B22F 12/42** (2021.01 - EP); **B22F 2999/00** (2013.01 - EP IL); **B29C 64/393** (2017.07 - US); **B33Y 30/00** (2014.12 - EP); **B33Y 50/02** (2014.12 - US)

Citation (search report)

See references of WO 2020202147A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020202147 A1 20201008**; EP 3946894 A1 20220209; EP 3946894 B1 20230906; IL 286806 A 20211031; IL 286806 B1 20230301; IL 286806 B2 20230701; US 2022152914 A1 20220519

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